



AF/2837  
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| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/007,955             |                |
|   | Filing Date          | December 7, 2001       |                |
|   | First Named Inventor | Abbas Arian            |                |
|   | Art Unit             | 2837                   |                |
|   | Examiner Name        | S. Y. Hsieh            |                |
| Total Number of Pages in This Submission  | 10                   | Attorney Docket Number | 1391-27000 DVF |

| ENCLOSURES (check all that apply)   |  |  |
|---|--|--|
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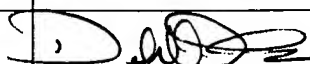
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                   |
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| Firm<br>Or<br>Individual Name              | DEREK V. FORINASH |
| Signature                                  |                   |
| Date                                       | May 21, 2004      |

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| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |   | Application Number   | 10/007,955                 |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
|   |   | Filing Date  | December 7, 2001           |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
|   |   | First Named Inventor   | Abbas Arian                |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
|   |   | Examiner Name  | S. Y. Hsieh                |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
|   |   | Art Unit   | 2837                       |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| TOTAL AMOUNT OF PAYMENT   |   | \$ 00.00   | Attorney Docket No.        | 1391-27000                 |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| METHOD OF PAYMENT (Check all that apply)  |   | FEE CALCULATION (continued)  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None<br><input checked="" type="checkbox"/> Deposit Account:<br>Deposit Account Number: 03-2769<br>Deposit Account Name: Conley Rose, P.C.<br><br><b>The Director is authorized to:</b> (check all that apply)<br><input checked="" type="checkbox"/> Charge fee(s) indicated below<br><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account<br><input checked="" type="checkbox"/> Credit any overpayments  |   | <b>3. ADDITIONAL FEES</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051 130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td><td>\$</td></tr> <tr><td>1052 50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td><td>\$</td></tr> <tr><td>1812 2,520</td><td>1812 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td>\$</td></tr> <tr><td>18042 920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$</td></tr> <tr><td>1805 1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>\$</td></tr> <tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>1252 420</td><td>2252 210</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1253 950</td><td>2253 475</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1254 1,480</td><td>2254 740</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>1255 2,010</td><td>2255 1,005</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>1401 330</td><td>2401 165</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>1402 330</td><td>2402 165</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1403 280</td><td>2403 140</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>1451 1,510</td><td>1452 1,510</td><td>Petition to institute a public use proceeding</td><td>\$</td></tr> <tr><td>1452 110</td><td>2452 55</td><td>Petition to revive - unavoidable</td><td>\$</td></tr> <tr><td>1453 1,330</td><td>2453 665</td><td>Petition to revive - unintentional</td><td>\$</td></tr> <tr><td>1501 1,330</td><td>2501 665</td><td>Utility issue fee (or reissue)</td><td>\$</td></tr> <tr><td>1502 480</td><td>2502 240</td><td>Design issue fee</td><td>\$</td></tr> <tr><td>1503 640</td><td>2503 320</td><td>Plant issue fee</td><td>\$</td></tr> <tr><td>1460 130</td><td>1460 130</td><td>Petitions to the Commissioner</td><td>\$</td></tr> <tr><td>1807 50</td><td>1806 50</td><td>Processing fee under 37 CFR 1.17(g)</td><td>\$</td></tr> <tr><td>123 50</td><td>123 50</td><td>Petitions related to provisional applications</td><td>\$</td></tr> <tr><td>1806 180</td><td>1806 180</td><td>Submission of Information Disclosure Stmt</td><td>\$</td></tr> <tr><td>8021 40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>1809 770</td><td>2809 385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>\$</td></tr> <tr><td>1810 770</td><td>2810 385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>\$</td></tr> <tr><td>1801 770</td><td>2801 385</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>1802 900</td><td>1802 900</td><td>Request for expedited examination of a design application</td><td>\$</td></tr> <tr><td colspan="3">Other fee (specify)</td><td>\$</td></tr> <tr> <td colspan="2" style="text-align: right;">*Reduced by Basic Filing Fee Paid</td> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (3) \$00.00</b></td> </tr> </tbody> </table> |                            | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid   | 1051 130           | 2051 65   | Surcharge - late filing fee or oath | \$        | 1052 50           | 2052 25   | Surcharge - late provisional filing fee or cover sheet | \$       | 1053 130         | 1053 130  | Non-English specification  | \$                         | 1812 2,520         | 1812 2,520 | For filing a request for <i>ex parte</i> reexamination | \$                     | 18042 920*             | 1804 920* | Requesting publication of SIR prior to Examiner action | \$       | 1805 1,840* | 1805 1,840*                           | Requesting publication of SIR after Examiner action | \$      | 1251 110   | 2251 55 | Extension for reply within first month | \$   | 1252 420            | 2252 210 | Extension for reply within second month | \$             | 1253 950 | 2253 475 | Extension for reply within third month | \$ | 1254 1,480 | 2254 740 | Extension for reply within fourth month | \$ | 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | \$ | 1401 330 | 2401 165 | Notice of Appeal | \$ | 1402 330 | 2402 165 | Filing a brief in support of an appeal | \$ | 1403 280 | 2403 140 | Request for oral hearing | \$ | 1451 1,510 | 1452 1,510 | Petition to institute a public use proceeding | \$ | 1452 110 | 2452 55 | Petition to revive - unavoidable | \$ | 1453 1,330 | 2453 665 | Petition to revive - unintentional | \$ | 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | \$ | 1502 480 | 2502 240 | Design issue fee | \$ | 1503 640 | 2503 320 | Plant issue fee | \$ | 1460 130 | 1460 130 | Petitions to the Commissioner | \$ | 1807 50 | 1806 50 | Processing fee under 37 CFR 1.17(g) | \$ | 123 50 | 123 50 | Petitions related to provisional applications | \$ | 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | \$ | 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | \$ | 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | \$ | 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | \$ | 1801 770 | 2801 385 | Request for Continued Examination (RCE) | \$ | 1802 900 | 1802 900 | Request for expedited examination of a design application | \$ | Other fee (specify) |  |  | \$ | *Reduced by Basic Filing Fee Paid |  | <b>SUBTOTAL (3) \$00.00</b> |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$)  | Fee Description  | Fee Paid                   |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1051 130  | 2051 65   | Surcharge - late filing fee or oath  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1052 50   | 2052 25   | Surcharge - late provisional filing fee or cover sheet   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1053 130  | 1053 130  | Non-English specification  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1812 2,520  | 1812 2,520  | For filing a request for <i>ex parte</i> reexamination   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 18042 920*  | 1804 920*   | Requesting publication of SIR prior to Examiner action   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1805 1,840*   | 1805 1,840*   | Requesting publication of SIR after Examiner action  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1251 110  | 2251 55   | Extension for reply within first month   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1252 420  | 2252 210  | Extension for reply within second month  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1253 950  | 2253 475  | Extension for reply within third month   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1254 1,480  | 2254 740  | Extension for reply within fourth month  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1255 2,010  | 2255 1,005  | Extension for reply within fifth month   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1401 330  | 2401 165  | Notice of Appeal   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1402 330  | 2402 165  | Filing a brief in support of an appeal   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1403 280  | 2403 140  | Request for oral hearing   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1451 1,510  | 1452 1,510  | Petition to institute a public use proceeding  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1452 110  | 2452 55   | Petition to revive - unavoidable   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1453 1,330  | 2453 665  | Petition to revive - unintentional   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1501 1,330  | 2501 665  | Utility issue fee (or reissue)   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1502 480  | 2502 240  | Design issue fee   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1503 640  | 2503 320  | Plant issue fee  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1460 130  | 1460 130  | Petitions to the Commissioner  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1807 50   | 1806 50   | Processing fee under 37 CFR 1.17(g)  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 123 50  | 123 50  | Petitions related to provisional applications  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1806 180  | 1806 180  | Submission of Information Disclosure Stmt  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 8021 40   | 8021 40   | Recording each patent assignment per property (times number of properties)   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1809 770  | 2809 385  | Filing a submission after final rejection (37 CFR § 1.129(a))  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1810 770  | 2810 385  | For each additional invention to be examined (37 CFR § 1.129(b))   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1801 770  | 2801 385  | Request for Continued Examination (RCE)  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1802 900  | 1802 900  | Request for expedited examination of a design application  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Other fee (specify)   |   |  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| *Reduced by Basic Filing Fee Paid   |   | <b>SUBTOTAL (3) \$00.00</b>  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| FEE CALCULATION   |   |  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001 770</td><td>2001 385</td><td>Utility filing Fee</td><td>\$</td></tr> <tr><td>1002 340</td><td>2002 170</td><td>Design filing fee</td><td>\$</td></tr> <tr><td>1003 530</td><td>2003 265</td><td>Plant filing fee</td><td>\$</td></tr> <tr><td>1004 770</td><td>2004 385</td><td>Reissue filing fee</td><td>\$</td></tr> <tr><td>1005 160</td><td>2005 80</td><td>Provisional filing fee</td><td>\$</td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>\$00.00</b></td> </tr> </tbody> </table>  |   | Large Entity Fee Code (\$)   | Small Entity Fee Code (\$) | Fee Description            | Fee Paid                   | 1001 770        | 2001 385   | Utility filing Fee | \$        | 1002 340                            | 2002 170  | Design filing fee | \$        | 1003 530   | 2003 265 | Plant filing fee | \$        | 1004 770                   | 2004 385                   | Reissue filing fee | \$         | 1005 160   | 2005 80                | Provisional filing fee | \$        | <b>SUBTOTAL (1)</b>                                    |          |             | <b>\$00.00</b>                        |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$)  | Fee Description  | Fee Paid                   |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1001 770  | 2001 385  | Utility filing Fee   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1002 340  | 2002 170  | Design filing fee  | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1003 530  | 2003 265  | Plant filing fee   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1004 770  | 2004 385  | Reissue filing fee   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1005 160  | 2005 80   | Provisional filing fee   | \$                         |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| <b>SUBTOTAL (1)</b>   |   |  | <b>\$00.00</b>             |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>26** = 0 x</td> <td>18.00</td> <td>= \$00.00</td> </tr> <tr> <td>Independent 8</td> <td>8** = 0 x</td> <td>86.00</td> <td>= \$00.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>290.00</td> <td>= \$00.00</td> </tr> </tbody> </table><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202 18</td><td>2202 9</td><td>Claims in excess of 20</td></tr> <tr><td>1201 86</td><td>2201 43</td><td>Independent Claims in excess of 3</td></tr> <tr><td>1203 290</td><td>2203 145</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204 86</td><td>2204 43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>1205 18</td><td>2205 9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>\$00.00</b></td> </tr> </tbody> </table> |   | Total Claims   | Extra Claims               | Fee from below             | Fee Paid                   | 25              | 26** = 0 x | 18.00              | = \$00.00 | Independent 8                       | 8** = 0 x | 86.00             | = \$00.00 | Multiple Dependent                                     |          | 290.00           | = \$00.00 | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description    | 1202 18    | 2202 9   | Claims in excess of 20 | 1201 86                | 2201 43   | Independent Claims in excess of 3                      | 1203 290 | 2203 145    | Multiple dependent claim, if not paid | 1204 86   | 2204 43 | ** Reissue independent claims over original patent | 1205 18 | 2205 9                                 | ** Reissue claims in excess of 20 and over original patent | <b>SUBTOTAL (2)</b> |          |   | <b>\$00.00</b> |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Total Claims  | Extra Claims  | Fee from below   | Fee Paid                   |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 25  | 26** = 0 x  | 18.00  | = \$00.00                  |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Independent 8   | 8** = 0 x   | 86.00  | = \$00.00                  |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Multiple Dependent  |   | 290.00   | = \$00.00                  |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Large Entity Fee Code (\$)  | Small Entity Fee Code (\$)  | Fee Description  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1202 18   | 2202 9  | Claims in excess of 20   |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1201 86   | 2201 43   | Independent Claims in excess of 3  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1203 290  | 2203 145  | Multiple dependent claim, if not paid  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1204 86   | 2204 43   | ** Reissue independent claims over original patent   |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| 1205 18   | 2205 9  | ** Reissue claims in excess of 20 and over original patent   |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| <b>SUBTOTAL (2)</b>   |   |  | <b>\$00.00</b>             |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| ** or number previously paid, if greater; For Reissues, see above   |   |  |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| SUBMITTED BY  |   | Complete (if applicable)   |                            |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Name (Print/Type)   | DEREK V. FORINASH   | Registration No. (Attorney/Agent)  | 47,231                     |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
| Signature   |  | Telephone  | (713) 238-8000             |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |
|   |   | Date   | May 21, 2004               |                            |                            |                 |            |                    |           |                                     |           |                   |           |  |          |                  |           |                            |                            |                    |            |  |                        |                        |           |  |          |             |                                       |   |         |  |         |  |  |                     |          |   |                |          |          |  |    |            |          |   |    |            |            |  |    |          |          |                  |    |          |          |  |    |          |          |                          |    |            |            |   |    |          |         |                                  |    |            |          |                                    |    |            |          |                                |    |          |          |                  |    |          |          |                 |    |          |          |                               |    |         |         |                                     |    |        |        |   |    |          |          |   |    |         |         |  |    |          |          |   |    |          |          |  |    |          |          |   |    |          |          |   |    |                     |  |  |    |                                   |  |                             |  |

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|-------------|---|-------------|--------------------------|
| APPLICANTS: | Abbas Arian and<br>Randall Jones        | §<br>§<br>§ | ART UNIT: 2837           |
| SERIAL NO.: | 10/007,955                              | §           |                          |
| FILED:      | December 7, 2001                        | §<br>§      | EXAMINER:<br>S. Y. HSIEH |
| FOR:        | Wideband Isolator for<br>Acoustic Tools | §<br>§      | CONFIRMATION NO.: 3449   |

Customer No.: 23505  
Atty. Dkt. No.: 1391-27000  
Client Ref. No.: 2000-IP-004077  
Date: May 21, 2004

**RESPONSE TO FINAL OFFICE ACTION DATED MARCH 29, 2004**

Mail Stop AF  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

This paper is filed in response to the Final Office Action dated March 29, 2004. The Examiner is requested to enter the following proposed amendments.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.